

### ABSTRACT

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A vehicle speed control system for a vehicle with an engine and an automatic transmission is comprised of a coast switch for decreasing a set vehicle speed and a controller connected with the coast switch. The controller controls a vehicle speed at the set vehicle speed by controlling the engine and the automatic transmission, and maintains a gear ratio of the automatic transmission at the gear ratio set at the moment before decreasing the set vehicle speed when the coast switch is being operated to decrease the set vehicle speed. Therefore, even if the throttle opening is opened to accelerate the vehicle, the engine rotation speed is never radically increased under such a transmission condition. This prevents the engine from generating noises excessively.